

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2553 Analytical Method: 8270E
Client: First Environment, Inc. DataFile: BM050434.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168816BS	Benzaldehyde	50	47.3	ug/L	95					20 (10)	160 (162)
	Phenol	50	54.3	ug/L	109					20 (66)	160 (118)
	bis(2-Chloroethyl)ether	50	50.7	ug/L	101					70 (62)	130 (103)
	2-Chlorophenol	50	53.8	ug/L	108					70 (70)	130 (117)
	2-Methylphenol	50	53.9	ug/L	108					70 (69)	130 (109)
	2,2-oxybis(1-Chloropropane)	50	49.6	ug/L	99					70 (65)	130 (100)
	Acetophenone	50	51.6	ug/L	103					70 (60)	130 (104)
	3+4-Methylphenols	50	52.7	ug/L	105					20 (67)	160 (106)
	N-Nitroso-di-n-propylamine	50	52.2	ug/L	104					70 (57)	130 (107)
	Hexachloroethane	50	50.4	ug/L	101					20 (76)	160 (118)
	Nitrobenzene	50	52.1	ug/L	104					70 (58)	130 (106)
	Isophorone	50	51.9	ug/L	104					70 (61)	130 (102)
	2-Nitrophenol	50	57.7	ug/L	115					70 (70)	130 (115)
	2,4-Dimethylphenol	50	53.4	ug/L	107					70 (42)	130 (142)
	bis(2-Chloroethoxy)methane	50	51.5	ug/L	103					70 (58)	130 (109)
	2,4-Dichlorophenol	50	54.8	ug/L	110					70 (66)	130 (115)
	Naphthalene	50	50.8	ug/L	102					70 (64)	130 (107)
	4-Chloroaniline	50	23.3	ug/L	47		*			70 (10)	130 (85)
	Hexachlorobutadiene	50	50.9	ug/L	102					70 (69)	130 (101)
	Caprolactam	50	53.3	ug/L	107					20 (58)	160 (128)
	4-Chloro-3-methylphenol	50	54.9	ug/L	110					70 (65)	130 (114)
	2-Methylnaphthalene	50	52.2	ug/L	104					70 (64)	130 (107)
	Hexachlorocyclopentadiene	100	120	ug/L	120					20 (36)	160 (160)
	2,4,6-Trichlorophenol	50	57.2	ug/L	114					70 (61)	130 (110)
	2,4,5-Trichlorophenol	50	57.1	ug/L	114					70 (70)	130 (106)
	1,1-Biphenyl	50	53.3	ug/L	107					70 (72)	130 (98)
	2-Chloronaphthalene	50	53.0	ug/L	106					70 (59)	130 (106)
	2-Nitroaniline	50	59.7	ug/L	119					70 (73)	130 (114)
	Dimethylphthalate	50	53.8	ug/L	108					70 (64)	130 (103)
	Acenaphthylene	50	54.3	ug/L	109					70 (79)	130 (103)
	2,6-Dinitrotoluene	50	58.0	ug/L	116					70 (64)	130 (110)
	3-Nitroaniline	50	35.4	ug/L	71					70 (28)	130 (100)
	Acenaphthene	50	59.1	ug/L	118					70 (59)	130 (113)
	2,4-Dinitrophenol	100	120	ug/L	120					20 (36)	160 (166)
	4-Nitrophenol	100	120	ug/L	120					20 (45)	160 (147)
	Dibenzofuran	50	52.9	ug/L	106					70 (65)	130 (106)
	2,4-Dinitrotoluene	50	54.7	ug/L	109					70 (60)	130 (115)
	Diethylphthalate	50	54.1	ug/L	108					70 (63)	130 (105)
	4-Chlorophenyl-phenylether	50	53.8	ug/L	108					70 (61)	130 (104)
	Fluorene	50	54.0	ug/L	108					70 (64)	130 (107)
	4-Nitroaniline	50	51.2	ug/L	102					70 (55)	130 (125)
	4,6-Dinitro-2-methylphenol	50	54.1	ug/L	108					70 (62)	130 (132)
	N-Nitrosodiphenylamine	50	54.8	ug/L	110					70 (61)	130 (109)
	4-Bromophenyl-phenylether	50	55.7	ug/L	111					70 (73)	130 (103)

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								Qual	Low	High	
PB168816BS	Hexachlorobenzene	50	55.1	ug/L	110				70 (73)	130 (106)	
	Atrazine	50	57.7	ug/L	115				70 (76)	130 (120)	
	Pentachlorophenol	100	130	ug/L	130				20 (47)	160 (114)	
	Phenanthrene	50	54.1	ug/L	108				70 (62)	130 (109)	
	Anthracene	50	55.4	ug/L	111				70 (65)	130 (110)	
	Carbazole	50	56.4	ug/L	113				70 (62)	130 (106)	
	Di-n-butylphthalate	50	56.4	ug/L	113				70 (64)	130 (106)	
	Fluoranthene	50	57.3	ug/L	115				70 (64)	130 (110)	
	Pyrene	50	52.8	ug/L	106				70 (71)	130 (103)	
	Butylbenzylphthalate	50	60.7	ug/L	121				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	38.0	ug/L	76				70 (43)	130 (108)	
	Benzo(a)anthracene	50	55.9	ug/L	112				70 (62)	130 (107)	
	Chrysene	50	56.0	ug/L	112				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	59.0	ug/L	118				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	62.4	ug/L	125				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	57.1	ug/L	114				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	56.5	ug/L	113				70 (77)	130 (105)	
	Benzo(a)pyrene	50	58.3	ug/L	117				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	57.2	ug/L	114				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	57.2	ug/L	114				70 (78)	130 (115)	
Benzo(g,h,i)perylene	50	57.0	ug/L	114				70 (75)	130 (118)		
1,2,4,5-Tetrachlorobenzene	50	55.5	ug/L	111				70 (72)	130 (101)		
1,4-Dioxane	50	41.1	ug/L	82				20 (38)	160 (125)		
2,3,4,6-Tetrachlorophenol	50	57.3	ug/L	115				70 (63)	130 (116)		